

PRODUCTION OF MOLDED PRODUCT

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Abstract of JP6099475

PURPOSE: To smoothly produce a molded product by performing direct blow molding using a polyester resin mainly consisting of a dicarboxylic acid unit based on a terephthalic acid unit and containing a sulfonic acid-containing dicarboxylic acid unit in a specific ratio and a glycol unit based on an ethylene glycol unit. **CONSTITUTION:** A raw material containing sulfonic acid group-containing dicarboxylic acid, terephthalic acid and ethylene glycol or an ester forming derivative thereof in a ratio of 0.5-4.0mol% and further containing a small amt. of other copolymerizable component if necessary is used to perform esterification reaction or ester exchange reaction in the presence of a catalyst according to a usual method to produce a lower polymer. Next, the lower polymer is subjected to polycondensation in a molten state under reduced pressure according to a usual method to be subjected to direct blow molding to obtain a molded product. Since a polyester resin to be used has high melt viscosity suitable for direct blow molding, the molded product can be smoothly, economically and efficiently produced with high productivity.

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